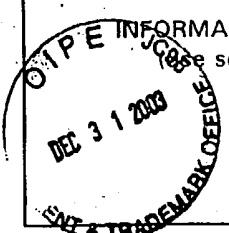


Form PTO-1449 U.S. Department of Commerce (REV. 8-83) Patent and Trademark Office  (See several sheets if necessary)	Atty. Docket No. ENZ-58(D1)	Serial No. 09/439,594
	Applicants: Rabbani, et al	
	Filed: June 12, 1999	Group: 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRAN- SLATION YES NO
	WO	9 2 0 0 9 8 9	01/92	Barstow, et al			
	WO	9 8 4 3 9 9 1	10/98	Brown et al			
	WO	9 8 0 6 7 3 2	12/98	Khan et al			
	DD	2 6 5 4 2 9	9/30/87	Reiss et al			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Grein, T., et al., "3 Deaza and 7 Deazapurines: duplex stability of oligonucleotides containing modified adenine or guanine bases," <u>Bioorganic & Medicinal Chemistry Letters</u> 4:971-976 (1994)
	Sagi, J., et al., "Base-modified oligodeoxynucleotides. I. effect of 5-alkyl, 5-(1-alkenyl) and 5-(1-alkynyl) substitution of the pyrimidines on duplex stability and hydrophobicity," <u>Tetrahedron Letters</u> 34:2191-2194 (1993)
	Sanghvi, Y.S., "Heterocyclic Base Modifications in Nucleic Acids and their Applications in Antisense Oligonucleotides," Chapter 15 (pages 273-288) of <u>Antisense Research and Applications</u> , CRC Press, UK (1993)
	Sowers, L.C., et al., "Equilibrium between a Wobble and Ionized Base Pair Formed between Fluorouracil and Guanine in DNA as Studied by Proton and Fluorine NMR," <u>J. Bio. Chem.</u> 263:14794-14801 (1988)
EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	